

Name: \_\_\_\_\_

Date: \_\_\_\_\_

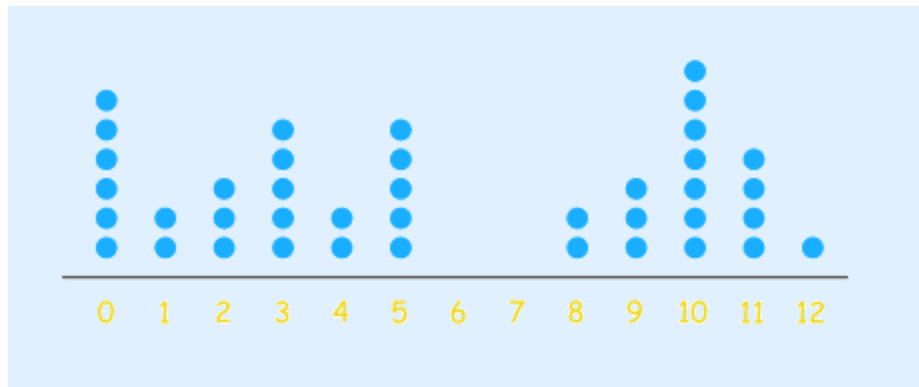
Math: \_\_\_\_\_

WLPCS

### Statistics Project 1: Lesson 2 Homework

1. Ms. Borean surveyed her highschool students about the number of minutes they spend eating breakfast. The data is shown on the dot plot below.

- A. Label the dot plot with a title and any necessary labels.



- B. Pull the data out into a list: \_\_\_\_\_

- C. Calculate the mean, median, and mode.

Mean	Median	Mode

- D. Which would you consider the *best measure* and why?

2. Mrs. Pike likes to play songs on repeat. The top ten songs listened to on her iTunes have been listened to the following number of times:

181, 177, 176, 172, 172, 166, 165, 165, 161, 161

- A. Create a frequency chart and a dot plot for this data.

- B. Calculate the mean, median, and mode.

Mean	Median	Mode

- C. Which is the *best measure* and why?

- D. There is actually one song Mrs. Pike has listened to 233 times that she omitted from the data. Would adding that to the list change your answer to question C? Why or why not?